

1965 INDEX

A

Advances in Applied Microbiology, 6, 412

Advances in Drug Research, 1, 226

Advances in Food Research, 12, 107

Advances in Genetics, 11, 194

Advances in Insect Physiology, 1, 2, 392

Advances in Marine Biology, 2, 284

AHUJA, M. R., Genetic Control of Tumor Formation in Higher Plants, 329

Alkjaersig, N. et al., Bleeding in the Surgical Patient, 226

Altman, P. L., and D. S. Dittmer, *Biology Data Book*, 419

Altschul, A. M., Proteins: Their Chemistry and Politics, 315

Amphibians, effects of ionizing radiation on development of, 1-67

Andrewes, C., Viruses of Vertebrates, 322

Anfinsen, C. B., The Molecular Basis of Evolution, 113

ANGEL, J. L., On the Teaching of Physical Anthropology, 68-70

Anichkov, S. V., and M. L. Belen'kii, Pharmacology of the Carotid Body Chemoreceptors, 106

ANIMAL GROWTH AND DEVELOPMENT (book reviews), 212, 308, 389

ANIMAL MORPHOLOGY (book reviews), 100, 210, 308, 389

ANIMAL NUTRITION (book reviews), 107, 311, 398

ANIMAL PHYSIOLOGY (book reviews), 101, 212, 309, 391

Annual Review of Entomology, 7, 96; 8, 205; 9, 205; 10, 206

Annual Review of Microbiology, 18, 320

Annual Review of Physiology, 27, 391

Annual Review of Phytopathology, 1, 95; 2, 299

Ansell, G. B., and J. N. Hawthorne, Phospholipids, 3, 404

Appleman, P., The Silent Explosion, 229

Arbib, M. A., Brains, Machines, and Mathematics, 217

Ariens, E. J. (ed.), *Molecular Pharmacology*, 1, 2, 407

Arlow, J. A., and C. Brenner, Psychoanalytic Concepts and the Structural Theory, 227

Armstrong, C. N., and A. J. Marshall (ed.), Intersexuality in Vertebrates Including Man, 390

Arthur, R. R. (ed.), *Symposium on Phytochemistry*, 408

Aspermia, mutation rates and evolution, hyperthermia, 341

Audus, L. J. (ed.), *The Physiology and Biochemistry of Herbicides*, 94

B

Baer, J. G., Comparative Anatomy of Vertebrates, 389

Bailey, R. M., and M. O. Allum, *Fishes of South Dakota*, 98

Baker, A. D., Check Lists of the Nematode Superfamilies Dorylaimoidea, Rhabditoidae, Tylenchoidea, and Aphelenchoidea, 119

Baldwin, E., An Introduction to Comparative Biochemistry, 4th ed., 401

Ballard, W. W., Comparative Anatomy and Embryology, 368

Balthasar, V., Monographie der Scarabaeidae und Aphodiidae, 1, 2, 3, 387

Bargmann, W., and J. P. Schade (ed.), Topics in Basic Neurology, 213

Barka, T., and P. J. Anderson, Histochemistry, 219

Barnard, C. (ed.), *Grasses and Grasslands*, 295

Barneby, R. C., *Atlas of North American Astragalus*, 384

Barnes, H. (ed.), *Oceanography and Marine Biology*, 1, 377

Batson, W. T., *Wild Flowers in South Carolina*, 384

Baumrin, B. (ed.), *Philosophy of Science*, 1, 2, 280

Beaton, G. H., and E. Willard (ed.), *Nutrition*, 1, 2, 398

Berger, A. J., *Elementary Human Anatomy*, 389

Bernfeld, P. (ed.), *Biogenesis of Natural Compounds*, 116

Bidstrup, P. L., *Toxicity of Mercury and its Compounds*, 397

BIOCHEMISTRY (book reviews), 110, 219, 314, 417

BIOLOGY: HISTORY AND BIOGRAPHY (book reviews), 72, 181, 282, 372

BIOMETRY (book reviews), 327, 417

BIOPHYSICS AND GENERAL PHYSIOLOGY (book reviews), 109, 216, 312, 400

Bittar, E. E., *Cell pH*, 109

- Blachly, L., and R. Jenks, Naming the Birds at a Glance, 98
- Black, C. C., A Review of the North American Tertiary Sciuridae, 191
- Blackwood, H. J. J. (ed.), Bone and Tooth, 210
- Blough, D. S. and P. M., Experiments in Psychology, 228
- Bold, H. C., The Plant Kingdom, 2nd ed., 381
- Bonner, J. T., The Ideas of Biology, 280
- Bonner, J., and P. Ts'o, The Nucleohistones, 405
- Bourne, G. H., and J. F. Danielli, International Review of Cytology, 15, 86
- Boyle, R., Experiments and Considerations Touching Colours, 314
- Braungart, D. C., and R. Buddeke, An Introduction to Animal Biology, 6th ed., 301
- Bresch, C., Klassische und molekulare Genetik, 289
- Brewbaker, J. L., Agricultural Genetics, 291
- Brieger, E. M., Structure and Ultrastructure of Microorganisms, 117
- British Museum (Natural History), British Palaeozoic Fossils, 286
- Brown, C. C., Instrumentation with Semiconductors, 419
- Brown, J. L., The Integration of Agonistic Behavior in the Steller's Jay, 324
- Brown, R. E., Techniques for Teaching Conservation Education, 372
- Brückner, A., Optical Constants (Elements), Refraction, Accommodation, 110
- BRUNST, V. V., Effects of Ionizing Radiation on the Development of Amphibians, 1-67
- Buehr, W., World Beneath the Waves, 373
- Buettner-Janusch, J. (ed.), Evolutionary and Genetic Biology of Primates, I, II, 379
- Bull, H. B., An Introduction to Physical Biochemistry, 317
- BURCH, P. R. J., and R. G. BURWELL, Self and Not-Self: A Clonal Induction Approach to Immunology, 252-279
- Burn, H., Our Most Interesting Diseases, 119
- Burnett, A. L., and T. Eisner, Animal Adaptation, 284
- Burnett, J. H. (ed.), The Vegetation of Scotland, 375
- Burton, A. C., Physiology and Biophysics of the Circulation, 394
- Busch, H., Histones and Other Nuclear Proteins, 405
- Busnel, R. G. (ed.), Acoustic Behaviour of Animals, 121
- C**
- Chapman, V. J., The Algae, 89
- Cheng, T. C., The Biology of Animal Parasites, 414
- Chibnall, A. C., Protein Metabolism in the Plant, 299
- Choron, J., Modern Man and Mortality, 179
- Christensen, H. N., Biological Transport, 101
- Clarke, C. A., Genetics for the Clinician, 2nd ed., 289
- Clegg, F. E., General Science Biology, 374
- Clonal induction approach to immunology, self and not-self, 252-279
- Cold Spring Harbor Laboratory of Quantitative Biology, 29, Human Genetics, 381
- , 28, Synthesis and Structure of Macromolecules, 113
- Collias, N. E., and E. C., Evolution of Nest Building in the Weaverbirds, 325
- Collins, C. H., Microbiological Methods, 411
- Colowick, S. P., and N. O. Kaplan (ed.), Methods in Enzymology, V, VI, VIII, 316
- Cooley, R. A., Politics and Conservation, 216
- Cooney, D. G., and R. Emerson, Thermophilic Fungi, 292
- Corbett, M. K., and H. D. Sisler (ed.), Plant Virology, 413
- Coulson, R. A., and T. Hernandez, Biochemistry of the Alligator, 219
- Cowles, R. B., Hyperthermia, Aspermia, Mutation Rates and Evolution, 341
- Crandall, L. S., The Management of Wild Mammals in Captivity, 186
- Critical evaluation of the ontogeny of human sexual behavior, 147-175
- Crombie, A. (ed.), Scientific Change, 72
- D**
- Danielli, J. F. et al. (ed.), Recent Progress in Surface Science, I, 2, 400
- Darlington, C. D., Genetics and Man, 288
- Darlington, H. T., The Mosses of Michigan, 293
- Dasmann, R. F., Wildlife Biology, 284
- Davis, P. H., and V. H. Heywood, Principles of Angiosperm Taxonomy, 199
- Davson, H., A Textbook of General Physiology, 3rd ed., 218

- DE BELL, J. T., A Long Look at Neuromuscular Junctions in Nematodes, 233-251
- de Lotto, G., Observations on African Mealy Bugs (Hemiptera: Coccoidea), 304
- DE OMNIBUS REBUS ET QUIBUSDAM ALIIS (book reviews), 232, 328, 418
- De Virville, D., and J. Feldmann (ed.), Fourth International Seaweed Symposium, 382
- DIAMOND, M., A Critical Evaluation of the Ontogeny of Human Sexual Behavior, 147-175
- Dibner, B., Darwin of the Beagle, 182
- Dietrich, G., General Oceanography, 187
- Dill, D. E. (ed.), Adaptation to the Environment, 76
- Dixon, M., and E. D. Webb, Enzymes, 2nd ed., 403
- Dobzhansky, T., Heredity and the Nature of Man, 288
- Dole, S. H., Habitable Planets for Man, 229
- Dröscher, V. B., The Mysterious Senses of Animals, 284
- E
- Eckenfelder, W. W., and J. McCabe (ed.), Advances in Biological Waste Treatment, 183
- ECOLOGY AND NATURAL HISTORY (book reviews), 73, 183, 283, 374
- ECONOMIC BOTANY (book reviews), 94, 204, 299, 386
- ECONOMIC ZOOLOGY (book reviews), 108, 216, 398
- Edwards, R., Coronary Case, 226
- Effects of ionizing radiation on the development of amphibians, 1-67
- Eissler, R. S. et al. (ed.), The Psychoanalytic Study of the Child, 19, 326
- Eklund, C. R., and J. Beckman, Antarctica, 80
- Essays of an evolutionist, 176-178
- Evans, L. T. (ed.), Environmental Control of Plant Growth, 92
- EVOLUTION (book reviews), 80, 188, 285, 377
- Evolution, hyperthermia, aspermia, mutation rates and, 341
- Eyre, S. R., Vegetation and Soils, 77
- F
- Faegri, K., and J. Iversen, Textbook of Pollen Analysis, 2nd ed., 200
- Falk, J. E., Porphyrins and Metalloporphyrins, 404
- Fenn, W. O., and H. Rahn (ed.), Handbook of Physiology, sect. 3, 1, 393
- Ficchi, R. F., Electrical Interference, 219
- Finck, A., Tropische Böden, 300
- Fink, H. et al., Problems of Cooley's Anemia, 324
- Fishman, A. P., and D. W. Richards (ed.), Circulation of the Blood, 212
- Florkin, M., and A. Dollfus (ed.), Life Sciences and Space Research, II, 328
- Florkin, M., and H. S. Mason (ed.), Comparative Biochemistry, VI, 223
- Flower, R. H., The Nautiloid Order Ellesmeroceratida (Cephalopoda), 191
—, Nautiloid Shell Morphology, 191
—, Studies of the Actinoceratida, 190
- Fogg, G. E. (ed.), Cell Differentiation, 87
- Fox, S. W. (ed.), The Origins of Prebiological Systems, 377
- Frazer, A. C. (ed.), Biochemical Problems of Lipids, 403
- Friedlander, E., Psychology in Scientific Thinking, 416
- Fringe, H., and M. Fringe, Animal Communication, 415
- G
- Gabriel, K. L. et al., Veterinary Toxicology, 109
- Gates, D. M., Energy Exchange in the Biosphere, 78
- GENERAL BIOLOGY: PHILOSOPHY AND EDUCATION (book reviews), 71, 179, 280, 371
- GENERAL AND SYSTEMATIC BOTANY (book reviews), 88, 197, 292, 381
- GENERAL AND SYSTEMATIC ZOOLOGY (book reviews), 96, 204, 301, 386
- Genetic control of tumor formation in higher plants, 329
- GENETICS AND CYTOLOGY (book reviews), 85, 193, 286, 381
- Gest, H., A. San Pietro, and L. P. Vernon (ed.), Bacterial Photosynthesis, 117
- Giese, A. C. (ed.), Photophysiology, 1, 2, 312
- Gill, M. M., Topography and Systems in Psychoanalytic Theory, 3, No. 2, 227
- Gilmour, A., and J., Understanding Your Senses, 282
- GLASS, B., Essays of an Evolutionist, 176-178
- Gleason, H. A., and A. Cronquist, Manual of Vascular Plants of Northeastern United States and Adjacent Canada, 89

- Glenn, W. W. L. et al., Cardiac Pacemakers, 226
- Glick, D. (ed.), Methods of Biochemical Analysis, XI, 111
- , Quantitative Chemical Techniques of Histo- and Cytochemistry, I, II, 115
- Goldstein, A., Biostatistics, 417
- Goodey, T., Soil and Freshwater Nematodes, 206
- Goodnight, C. L., M. L. Goodnight, and P. Gray, General Zoology, 204
- Goss, R. J., Kinetics of Compensatory Growth, 123-146
- Gottschalk, W., Die Wirkung mutierter Gene auf die Morphologie und Funktion pflanzlicher Organe, 290
- Gowen, J. W., (ed.), Heterosis, 194
- Grant, J. K. (ed.), The Control of Lipid Metabolism, 403
- , Methods of Separation of Subcellular Structural Components, 113
- Grant, V., The Architecture of the Germplasm, 287
- Greep, R. O. (ed.), Human Fertility and Population Problems, 326
- Griffin, D. R., Bird Migration, 415
- Growth, kinetics of compensatory, 123-146
- Gunsalus, I. C. and R. Y. Stanier (ed.), The Bacteria, V, 224
- Gurland, J. (ed.), Stochastic Models in Medicine and Biology, 327
- H
- Haggis, G. H. et al., Introduction to Molecular Biology, 312
- Hall, B. P., The Francolins, a Study in Speciation, 84
- Hall, D. A. (ed.), International Review of Connective Tissue Research, I, 2, 100
- Hamilton, L. D. (ed.), Physical Factors and Modification of Radiation Injury, 217
- Hamm, R. L., and L. Nason, An Ecological Approach to Conservation, 371
- Hamerman, D. R., and W. M., Teaching in the Outdoors, 372
- Harding, J. P., and N. Tebble (ed.), Speciation in the Sea, 81
- Hardy, J. D. (ed.), Physiological Problems in Space Exploration, 231
- Harris, H., Garrod's Inborn Errors of Metabolism, 193
- Harris, M., Cell Culture and Somatic Variation, 291
- Harris, M., Pharmaceutical Microbiology, 411
- Harris, R. J. C., Cellular Basis and Aetiology of Late Somatic Effects of Ionizing Radiation, 120
- , Cytogenetics of Cells in Culture, 381
- Harris, R. S., I. G. Wool, and J. A. Loraine (ed.), Vitamins and Hormones, 22, 315
- Harris, T. M., The Yorkshire Jurassic Flora, II, 82
- Harris, V. A., The Anatomy of the Rainbow Lizard, *Agama agama*, 100
- , The Life of the Rainbow Lizard, 100
- Harrison, R. G., A Textbook of Human Embryology, 2nd ed., 308
- Hartman, O., Polychaeta Errantia of Antarctica, 3, 303
- Hasček, M., A. Lengerová, and M. Vojtíšková (ed.), Mechanisms of Immunological Tolerance, 102
- Haworth-Booth, M., The Moutan or Tree Peony, 204
- Hayes, W., The Genetics of Bacteria and Their Viruses, 196
- HEALTH AND DISEASE (book reviews), 119, 224, 322
- Hediger, H., Wild Animals in Captivity, 399
- Heidenreich, R. D., Fundamentals of Transmission Electron Microscopy, 314
- Henkes, H. E., and L. H. van der Tweel (ed.), Flicker, 313
- Hering, E., Outlines of a Theory of the Light Sense, 396
- Herskowitz, I. H., Bibliography on the Genetics of Drosophila, Pt. 4, 194
- Heukelekian, H., and N. C. Donero, Principles and Applications in Aquatic Microbiology, 118
- Hill, M. N. (ed.), The Sea, II, III, 187
- Hockenhull, D. J. D. (ed.), Progress in Industrial Microbiology, 4, 223, 5, 413
- Hoffman, R. L., A Revision of the North American Annelid Worms of the Genus *Cambarincola*, 204
- Howell, F. C., and F. Bourlière (ed.), African Ecology and Human Evolution, 84
- Hoy, J. M., A Catalogue of the Eriococcidae of the World, 304
- Hughes, G. M. (ed.), Homeostasis and Feedback Mechanisms, 395

- HUMAN BIOLOGY** (book reviews), 121, 229, 326, 416
Human sexual behavior, a critical evaluation of the ontogeny of, 147-175
Hurd, P. D. Jr., and **J. S. Moure**, A Classification of the Large Carpenter Bees (*Xylocopini*), 97
Hutchinson, J. (ed.), Essays on Crop Plant Evolution, 378
—, The Genera of Flowering Plants (Angiospermae), 383
Hutner, S. H. (ed.), Biochemistry and Physiology of Protozoa, III, 402
Huxley, T., Science and Education, 280
Hvass, H., Birds of the World, 388
Hyde, P., and **F. Leydet**, The Last Redwoods, 184
Hylander, C. J., Fishes and Their Ways, 388
Hyperthermia, aspermia, mutation rates and evolution, 341

I

- Immunology, self and not-self: a clonal induction approach to immunology**, 252-279
Institut Français d'Afrique Noire, Mélanges Ichthyologiques dédiés à la mémoire d'Achille Valenciennes, 305
International Rice Research Institute, Rice Genetics and Cytogenetics, 291
International Union of Pure and Applied Chemistry, The Royal Irish Academy, and the Irish National Committee for Chemistry, The Chemistry and Biochemistry of Fungi and Yeasts, 116
Ionizing radiation on the development of amphibians, effects of, 1-67
Isaacs, A., Introducing Science, 72

J

- Jacobs, W. P.**, and **C. E. LaMotte**, Regulation in Plants by Hormones, and Teacher's Supplement, 179
Jensen, W. A., and **L. G. Kavaljian (ed.)**, Plant Biology Today, 197
Jevons, F. R., The Biochemical Approach to Life, 400
Jones, F. G. W., and **M. Jones**, Pests of Field Crops, 398
Jones, G. N., Flora of Illinois, 3rd ed., 90

K

- Kallmann, F. J. (ed.)**, Expanding Goals of Genetics in Psychiatry, 86
Kalmus, H., Genetics, 286
Kamen, M. D., Primary Processes in Photosynthesis, 93
Karlson, P., Introduction to Modern Biochemistry, 110
Katzman, R. et al., Sensory Evoked Responses in Man, 218
Kaussmann, B., Pflanzenanatomie, 201
Kinetics of compensatory growth, 123-146
Kingsbury, J. M., Poisonous Plants of the United States and Canada, 225
Kiss, F., and **J. Szentágothai**, Atlas of Human Anatomy, I, II, III, 231
Knobloch, I. W. (ed.), Selected Botanical Papers, 88
Koenigswald, G. H. R. von et al. (ed.), Evolutionary Trends in Foraminifera, 188
Kofler, L., Croissance et Développement des Plantes, 296
König, J. F. R., and **R. A. Klippel**, The Rat Brain, 211
Kozhov, M., Lake Baikal and Its Life, 74
Kozlowski, T. T., Water Metabolism in Plants, 203
Kuehner, R. L. et al., Recent Advances in Odor: Theory, Measurement, and Control, 217

L

- Lacks, S. (ed.)**, Subunit Structure of Proteins, 406
Lanham, U., The Insects, 207
Lasley, J. F., Genetics of Livestock Improvement, 290
Lawson, C. A., and **M. A. Burmester**, Programmed Genetics, 2, 287
Lehrman, R. L., The Reproduction of Life, 180
Leitch, J. M., and **D. N. Rhodes (ed.)**, Recent Advances in Food Sciences, 3, 107
Leone, C. A. (ed.), Taxonomic Biochemistry and Serology, 409
Lépine, P., Techniques de Laboratoire en Virologie Humaine, 414
Lerner, M., and **O. W. Anderson**, Health Progress in the United States: 1900-1960, 224
Levedahl, B. H., and **A. A. Barber**, Zoethout's Laboratory Experiments in Physiology, 6th ed., 101

- Levi, H. W., American Spiders of the Genus *Theridion*, 205
- Leydet, F., Time and the River Flowing: Grand Canyon, 283
- (ed.), Tomorrow's Wilderness, 184
- Little, E. L., and F. H. Wadsworth, Common Trees of Puerto Rico and the Virgin Islands, 385
- Long look at neuromuscular junctions in nematodes, 233-251
- Lowdin, P.-O., and B. Pullman (ed.), Molecular Orbitals in Chemistry, Physics, and Biology, 418
- Lüdtke, H., Praktikum der vergleichenden Zoolistologie, 211
- Lundegårdh, H., Pflanzenphysiologie, 92
- M
- Mace, A. E., Sample-Size Determination, 327
- Macfadyen, A., Animal Ecology, 2nd ed., 73
- Maheshwari, J. K., The Flora of Delhi, 90
- Maheshwari, P. (ed.), Recent Advances in the Embryology of Angiosperms, 202
- Malek, I. et al. (ed.), Continuous Cultivation of Microorganisms, 412
- Malherbe, W. D. et al., Some Aspects of Metabolic Diseases in Man and Animals, 119
- Mandelbaum, D. G., G. W. Lasker, and E. M. Albert (ed.), Resources for the Teaching of Anthropology, 68
- , —, and — (ed.), The Teaching of Anthropology, 68
- Manner, H. W., Elements of Comparative Vertebrate Embryology, 212
- Marsland, D., Manual of Biology, 4th ed., 371
- , Principles of Modern Biology, 4th ed., 371
- Matthews, L. H., and M. Knight, The Senses of Animals, 214
- Mayer, W., and R. Van Gelder (ed.), Physiological Mammalogy, I, 106; 2, 394
- Mayr, E., Systematics and the Origin of Species, 286
- McGrady, P., The Savage Cell, 323
- McLaren, A. D., and D. Shugar, Photochemistry of Proteins and Nucleic Acids, 314
- McVaugh, R., P. C. Standley, and L. O. Williams, Flora of Guatemala, 199
- Medes, G., and S. P. Reimann, Normal Growth and Cancer, 119
- Meester, J., A Systematic Revision of the Shrew Genus *Crocidura* in Southern Africa, 99
- Meier, H., Experimental Pharmacogenetics, 101
- Meier, H., W. G. Hoag et al., Epizootiology of Cancer in Animals, 119
- Meyer, F. J., Das trophische Parenchym, 201
- Meynell, G. C., and E., Theory and Practice in Experimental Bacteriology, 411
- MICROBIOLOGY (book reviews), 117, 223, 317, 411
- Miller, A. H., and R. C. Stebbins, The Lives of Desert Animals in Joshua Tree National Monument, 375
- Miller, M. E., Anatomy of the Dog, 308
- Mitchell, H. H., Comparative Nutrition of Man and Domestic Animals, 2, 311
- Moore, J. A. (ed.), Physiology of the Amphibia, 215
- Moore, R. C. (ed.), Treatise on Invertebrate Paleontology, Pt. C, 192
- Morgan, T. H., The Theory of the Gene, 193
- Morkhoven, F. P. C. M. van, Post-Palaeozoic Ostracoda, II, 189
- Moruzzi, G., A. Fessard, and H. H. Jasper (ed.), Brain Mechanisms, 216
- Moyle, J. B., Northern Non-Woody Plants, 295
- Munro, H. N., and J. B. Allison (ed.), Mammalian Protein Metabolism, I, II, 222
- Mutation rates and evolution, hyperthermia, aspermia, 341
- N
- Nahas, G. G., B. R. Fink et al., Regulation of Respiration, 213
- Nahikian, H. M., A Modern Algebra for Biologists, 232
- Napier, J., and N. A. Barnicot (ed.), Symposia of the Zoological Society of London, No. 10: The Primates, 307
- Nastuk, W. L. (ed.), Physical Techniques in Biological Research, V, 109
- Nematodes, a long look at neuromuscular junctions in, 233-251
- Neurath, H. (ed.), The Proteins, I, 2nd ed., 220; 2, 221; 3, 406
- Neuromuscular junctions in nematodes, a long look at, 233-251
- Nikol'skaya, M. H., The Chalcid Fauna of the U.S.S.R.: Chalcidoidea, 306
- Nilan, R. A., The Cytology and Genetics of Barley, 1951-1962, 197
- Norman, A. G. (ed.), The Soybean, 94

O

Oakley, K., Frameworks for Dating Fossil Man, 380

Odum, E. P., Ecology, 183

Ognev, S. I., Mammals of U.S.S.R. and Adjacent Countries, V, 208; VI, VII, 307

Olsen, Y. H. (ed.), Fishes of the Western North Atlantic, No. 1, Pt. 3, 208; Pt. 4, 209

Olson, E. C., Late Permian Terrestrial Vertebrates, U.S.A. and U.S.S.R., 83

O'Malley, C. D., Andreas Vesalius of Brussels 1514-1564, 182

On the teaching of physical anthropology, 68

Ontogeny of human sexual behavior, critical evaluation of, 147-175

Oparin, A. I., The Chemical Origin of Life, 285

OPPENHEIMER, J., The Pharyngula: A Unifying Concept of Anatomy and Embryology, 368

Overzier, C. (ed.), Intersexuality, 390

P

Paddock, W. and P., Hungry Nations, 417

PARASITOLOGY (book reviews), 119, 224, 321, 414

Parsons, J. J., The Green Turtle and Man, 108

Patten, B. M., Foundations of Embryology, 2nd ed., 308

Perring, F. H., P. D. Sell, and S. M. Walters, A Flora of Cambridgeshire, 295

Peters, J. A., Dictionary of Herpetology, 207

Peterson, R., Silently, by Night, 210

Pharyngula: a unifying concept of anatomy and embryology, 368

Physical anthropology, on the teaching of, 68-70

Pincus, G. (ed.), Recent Progress in Hormone Research, 20, 214

PLANT DEVELOPMENT (book reviews), 202, 296

PLANT MORPHOLOGY (book reviews), 200

PLANT PHYSIOLOGY (book reviews), 91, 202, 297

Plants, genetic control of tumor formation in higher, 329

Poole, L. and G., Scientists Who Work Outdoors, 282

Portmann, A., New Paths in Biology, 281

Postlethwait, S. N., Plant Science—A Workbook with an Audio Program Approach, 181

Potts, W. T. W., and G. Parry, Osmotic and Ionic Regulation in Animals, 309

PSYCHOLOGY AND ANIMAL BEHAVIOR (book reviews), 121, 227, 324, 415

Purvis, M. J., D. C. Collier, and D. Walls, Laboratory Techniques in Botany, 200

R

Rainer, J. D. et al. (ed.), Family and Mental Health Problems in a Deaf Population, 323

Randall, W. C. (ed.), Nervous Control of the Heart, 396

Ransom, J. E., Fossils in America, 378

Ray, P. M., The Living Plant, 203

Raymont, J. E. G., Plankton and Productivity in the Oceans, 79

Reed, S. C., Counseling in Medical Genetics, 2nd ed., 85

Riley, V., J. G. Fortner, et al., The Pigment Cell, 88

Robbins, W. W., T. E. Weier, and C. R. Stocking, Botany, 198

Rockstein, M. (ed.), The Physiology of Insecta, I, 214; II, III, 393

Romberger, J. A., Meristems, Growth, and Development in Woody Plants, 296

Root, W. S., and F. G. Hofmann (ed.), Physiological Pharmacology, I, Pt. A, 104

Rose-Innes, A. G., Low Temperature Techniques, 419

Rosenfeld, I., and O. A. Beath, Selenium, 407

Ross, H. H., A Synthesis of Evolutionary Theory, 80

Rowland, J. T., The Good Beasts, 376

Royal Society, Biographical Memoirs of Fellows of the Royal Society, 10, 373

Rubin, B. A., and Ye. V. Artsikhovskaya, Biochemistry and Physiology of Plant Immunity, 202

Rudd, R. L., Pesticides and the Living Landscape, 376

Rutter, A. J., and F. H. Whitehead (ed.), The Water Relations of Plants, 78

Ruttner, F., Fundamentals of Limnology (Grundriss der Limnologie), 183

S

Salton, M. R. J., The Bacterial Cell Wall, 320

Sandon, M., Essays on Protozoology, 301

Sargent, S., Galen Clark: Yosemite Guardian, 282

Sauvage, C., Flore des Subéraies Marocaines, 91

Schaede, R., Die pflanzlichen Symbiosen, 88

Scharrer, E. and B., Neuroendocrinology, 104

- Schmidt-Nielsen, K., Animal Physiology, 2nd ed., 311
- Schwab, J. J. (supervisor), Biology Teachers' Handbook, 71
- Schwartz, E. and C., When Animals are Babies, 183
- Self and not-self: a clonal induction approach to immunology, 252-279
- Selye, H., From Dream to Discovery, 73
- Sexual behavior, a critical evaluation of the ontogeny of human, 147-175
- Shelford, V. E., The Ecology of North America, 184
- Shirley, H. L., Forestry and its Career Opportunities, 2nd ed., 301
- Slack, J. M., V. F. Gerencser, and S. J. Deal, Experimental Pathogenic Microbiology, 2nd ed., 320
- Sluckin, W., Imprinting and Early Learning, 415
- Slud, P., The Birds of Costa Rica, 185
- Smiley, C. J., The Ellensburg Flora of Washington, 82
- Smit, B., Insects in Southern Africa, 399
- Snell, E. E. et al., Chemical and Biochemical Aspects of Pyridoxal Catalysts, 111
- Southwick, C. H., Primate Social Behavior, 227
- Sprent, J. F. A., Parasitism, 321
- Stahl, F. W., The Mechanics of Inheritance, 195
- Steele, A. R., Flowers for the King, 181
- Steinhaus, E. A. (ed.), Insect Pathology, I, II, 120
- Steward, F. C., Plants at Work, 298
- Sturtevant, A. H., and G. W. Beadle, An Introduction to Genetics, 85
- Sunderman, F. W., and F. W. Sunderman Jr. (ed.), Evaluation of Thyroid and Parathyroid Functions, 102
- Symposia:
- Bacterial Photosynthesis, 117
 - Bone and Tooth, 210
 - Brain Mechanisms, 216
 - Cell Differentiation, 87
 - Cellular Basis and Aetiology of Late Somatic Effects of Ionizing Radiation, 120
 - Chemical and Biochemical Aspects of Pyridoxal Catalysis, 111
 - Chemistry and Biochemistry of Fungi and Yeasts, 116
 - Continuous Cultivation of Microorganisms, 412
 - Cytogenetics of Cells in Culture, 381
- Evaluation of New Drugs in Man, 397
- Evaluation of Thyroid and Parathyroid Functions, 102
- Expanding Goals of Genetics in Psychiatry, 86
- Flicker, 313
- Fourth International Seaweed Symposium, 382
- Homeostasis and Feedback Mechanisms, 395
- Hormones and the Kidney, 395
- Human Fertility and Population Problems, 326
- Human Genetics, 381
- Life Sciences and Space Research, II, 328
- Man and His Future, 229
- Mechanisms of Immunological Tolerance, 102
- Methods of Separation of Subcellular Structural Components, 113
- Nerve, Brain and Memory Models, 216
- Origins of Prebiological Systems, 377
- Peptides, 112
- Physiological Effects of High Altitude, 215
- Phytochemistry, 408
- Plant Biology Today, 197
- Primates, 307
- Principles and Applications in Aquatic Microbiology, 118
- Regeneration and Wound Healing, 389
- Rice Genetics and Cytogenetics, 291
- Scientific Change, 72
- Speciation in the Sea, 81
- Stochastic Models in Medicine and Biology, 327
- Subunit Structure of Proteins, 406
- Synthesis and Structure of Macromolecules, 113
- Taxonomic Biochemistry and Serology, 409
- Water Relations of Plants, 78
- Szanto, Gy. (ed.), Regeneration and Wound Healing, 389

T

- Taton, R. (ed.), The Beginnings of Modern Science, 372
- Tax, S. (ed.), Horizons of Anthropology, 231
- Tolles, W. E. et al., Computers in Medicine and Biology, 232
- Tumor formation in higher plants, genetic control of, 329
- Turrill, W. B. (ed.), Vistas in Botany, 3, 91; 4, 198

Tutin, T. G. et al. (ed.), *Flora Europaea*, I, 294
 Tyndall, J., *The Science of Sound*, 217

V

- Van Liere, E. J., and J. C. Stickney, *Hypoxia*, 322
 Van Overbeek, J., *The Lore of Living Plants*, 283
 Van Son, G., *The Butterflies of Southern Africa*, III, 96
 Van Wijk, W. R. (ed.), *Physics of Plant Environment*, 297
 Volobuev, V. R., *Ecology of Soils*, 374
 Volsøe, A., J. Knudsen, and W. Rees (trans.), *The Cephalopod Papers of Japetus Steenstrup*, 97
 Von Euler, U. S., and H. Heller (ed.), *Comparative Endocrinology*, I, 2, 103

W

- Wagner, A. F., and K. Folkers, *Vitamins and Coenzymes*, 402
 Wagner, R. J. L., and R. T. Abbott (ed.), *Van Nostrand's Standard Catalog of Shells*, 386
 Walker, E. P. et al., *Mammals of the World*, I, 2, 3, 304
 Wallace, B., and A. M. Srb, *Adaptation*, 2nd ed., 372
 Wallace, H. R., *The Biology of Plant Parasitic Nematodes*, 224
 Walsh, E. G., *Physiology of the Nervous System*, 396
 Watson, E. V., *The Structure and Life of Bryophytes*, 292
 Webb, J. L., *Enzyme and Metabolic Inhibitors*, I, 110
 Wedberg, S. E., *Paramedical Microbiology*, 118
 Wedeck, H. E., *Love Potions Through the Ages*, 121
 Weihe, W. H. (ed.), *The Physiological Effects of High Altitude*, 215
 Wheeler, M. F., and W. A. Volk, *Basic Microbiology*, 319
 Whipple, H. E. (ed.), *Body Composition*, Pt. 1, 2, 213

- _____, *Fetal and Infant Liver Function and Structure*, 102
 Whitfield, I. C., *Manual of Experimental Electrophysiology*, 313
 Whittingham, C. P., *The Chemistry of Plant Processes*, 409
 Wiener, N., and J. P. Schade (ed.), *Nerve, Brain, and Memory Models*, 216
 Wilbur, K. M., and C. M. Yonge (ed.), *Physiology of Mollusca*, I, 310
 Williams, C. B., *Patterns in the Balance of Nature*, 185
 Williams, P. C. (ed.), *Hormones and the Kidney*, 395
 Wilson, G. S., and A. A. Miles, *Topley & Wilson's Principles of Bacteriology and Immunology*, I, II, 5th ed., 317
 Wilson, J. G., and J. Warkany (ed.), *Teratology: Principles and Techniques*, 416
 Wing, J. M., *Dairy Cattle Management*, 108
 Wolstenholme, G. (ed.), *Man and His Future*, 229
 Wood, A. E., *The Early Tertiary Rodents of the Family Paramyidae*, 83
 Wright, R. H., *The Science of Smell*, 309

Y

- Yamaguti, S., *Parasitic Copepoda and Branchiura of Fishes*, 303
 _____, *Systema Helminthum*, IV, V, 302
 Young, G. T. (ed.), *Peptides*, 112
 YOUNG NATURALIST (book reviews), 183, 282, 373

Z

- Zaimis, E. (ed.), *Evaluation of New Drugs in Man*, 397
 Zechmeister, L. (ed.), *Fortschritte der Chemie organischer Naturstoffe (Progress in the Chemistry of Organic Natural Products)*, XXI, 220
 Zweig, G. (ed.), *Analytical Methods for Pesticides, Plant Growth Regulations, and Food Additives*, I, II, III, 399; IV, 386